TECHNICAL DATA
DATA SHEET 4110, REV. A

ZENER 5W VOLTAGE REGULATOR

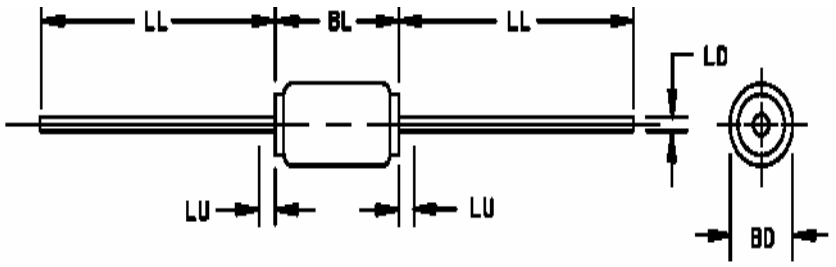
PACKAGE STYLE: Zener 5W/Zener 5W Melf (Suffix "US" denotes melf/surface mount packaging)

CONFIGURATION: Zener 5W Voltage Regulator

-All ratings are @ Tc = 25 °C unless otherwise specified.
-Operating -55 °C to +175 °C and storage -65 °C to +175 °C

MAXIMUM RATINGS / ELECTRICAL CHARACTERISTICS	SYMBOL	VALUE	UNITS
MIN ZENER VOLTAGE	Min V_Z	15.2	Vdc
MAX ZENER VOLTAGE	Max V_Z	16.8	Vdc
TEST CURRENT	I_Z	75	mAmps dc
MAXIMUM IMPEDENCE	Max Z_Z	3.5	ohm
REVERSE VOLTAGE	V_R	12.2	Vdc
MAXIMUM REVERSE CURRENT	Max I_{R1}	5	uAmps dc
MAXIMUM KNEE IMPEDENCE	Max Z_K	155	ohm
MAXIMUM VOLTAGE REGULATION	Max V_Z(reg)	1.1	Vdc
MAXIMUM TEMPERATURE COEFFICIENT	αV_Z	0.08	%/°C
POWER DISSIPATION	POWER	5	Watts

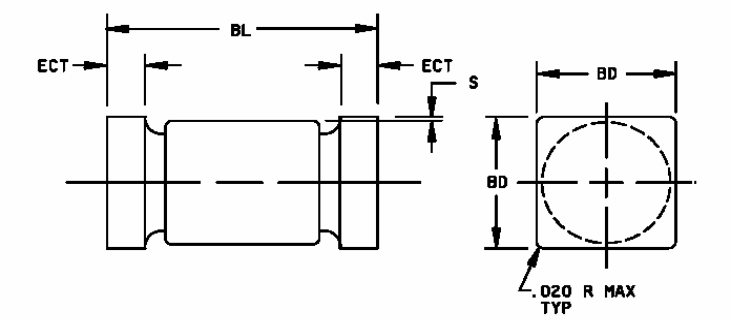
MECHANICAL DIMENSIONS, Zener 5W Package: In Inches / mm



Dimensions					
Ltr	Inches		Millimeters		Notes
	Min	Max			
BL	.130	.300	3.30	4.95	
BD	.090	.145	2.92	4.70	
LL	1.00	1.300	25.40	33.02	
LU		.050		1.27	4
LD	.037	.043	0.94	1.89	3

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MECHANICAL DIMENSIONS, Zener 5W Melf Package: In Inches / mm



Dimensions				
Ltr	Inches		Millimeters	
	Min	Max	Min	Max
BL	.200	.225	5.08	5.72
ECT	.019	.028	0.48	0.71
S	.003	- - -	0.08	- - -
BD	.137	.148	3.48	3.76

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